

WHAT IS CLAIMED IS:

1. A vehicle inner belt molding to be fitted along an interior of an opening edge of an elevating window in a vehicle, wherein the vehicle has a door inner panel and a trim board
5 being attached to the door inner panel and having a downward flange portion protruding from a position interior of an outer end of the trim board, the vehicle inner belt molding comprising:

a fitting portion to be attached to a vehicle body; and

10 a sealing lip formed integrally with an exterior side of the fitting portion to be in elastic contact with an inner surface of a windowpane of the elevating window;

wherein the fitting portion has an upward opening groove fittable with the downward flange portion.

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2. The vehicle inner belt molding according to claim 1, wherein the fitting portion includes an outer fitting portion having the upward opening groove and an inner fitting portion to be positioned interior of the outer fitting
20 portion; and

the inner fitting portion has a downward opening groove for receiving an upper-edge flange portion of the door inner panel.

25 3. The vehicle inner belt molding according to claim 1,

wherein the upward opening groove is provided with at least one gripping lip for gripping the downward flange portion to prevent the downward flange portion from coming-off.

5 4. The vehicle inner belt molding according to claim 2,
wherein the upward opening groove is provided with at least one gripping lip for gripping the downward flange portion to prevent the downward flange portion from coming-off; and
the downward opening groove is provided with at least
10 one gripping lip for gripping the upper-edge flange portion to prevent the upper-edge flange portion from coming-off.

5. The vehicle inner belt molding according to claim 1,
further comprising: a cloth pressing piece protruding upward
15 from the exterior side of the fitting portion;

wherein the cloth pressing piece presses an end portion
of a cloth covering a surface of the trim board when the
downward flange portion is fitted into the upward opening
groove.

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6. The vehicle inner belt molding according to claim 1,
wherein the fitting portion has a positioning slit
partially crossing therethrough; and

the positioning slit is engageable with a positioning
25 rib projecting downward from a back surface of the trim board.

7. The vehicle inner belt molding according to claim 6,
wherein a thickness of the positioning rib is smaller
5 than a width of the positioning slits.

8. The vehicle inner belt molding according to claim
7, wherein the positioning slit includes at least two of
positioning slits arranged at a predetermined interval in
10 a longitudinal direction of the fitting portion;

the positioning rib includes at least two of
positioning ribs to be fitted into the positioning slits;
and

the two of positioning slits are formed so that the
15 opposing surfaces of the two of positioning ribs are brought
into contact with inner-side surfaces of the two of
positioning slits when the two of positioning ribs are fitted
into the two of positioning slits.

20 9. The vehicle inner belt molding according to claim 7,
wherein the positioning slit includes at least two
of positioning slits arranged at a predetermined interval
in a longitudinal direction of the fitting portion;

the positioning rib includes at least two of
25 positioning slits to be fitted into the two of positioning

slits; and

the two of positioning slits are formed so that the outer-side surfaces of the two of positioning ribs are brought into contact with outer-side surfaces of the two of adjacent positioning slits when the two of positioning ribs are fitted into the two of positioning slits.

10. The vehicle inner belt molding according to claim 6, further comprising: a core member embedded in the fitting portion in the longitudinal direction thereof, the core member made of a plate-like material having an expansion resistance and a rigidity both larger than those of the fitting portion;

wherein the core member has a cross sectional shape substantially similar to that of at least a part of the fitting portion.

11. The vehicle inner belt molding according to claim 1, wherein the fitting portion is made of thermoplastic elastomer material.

12. The vehicle inner belt molding according to claim 1, wherein the sealing lip is made of a material which is capable of fusion-bonding to the fitting portion and which is softer and more elastic than the fitting portion.

13. A sealing structure of an elevating window in a vehicle,
comprising:

5 a vehicle inner belt molding to be fitted along an
interior side of an opening edge of the elevating window,
the vehicle inner belt molding including a fitting portion
to be attached to a vehicle body and a sealing lip formed
integrally with an exterior side of the fitting portion to
be in elastic contact with an inner surface of a window pane
10 of the elevating window; and

a trim board disposed inside of the elevating window,
the trim board having a downward flange portion protruding
from a position interior of an outer end thereof;

15 wherein the fitting portion has an upward opening groove
fittable with the downward flange portion; and

the vehicle inner belt molding is attached to the trim
board by inserting the downward flange portion into the upward
opening groove.

20 14. The sealing structure according to claim 13,

wherein the fitting portion includes an outer fitting
portion having the upward opening groove and an inner fitting
portion to be positioned interior of the outer fitting portion;

25 the outer fitting portion has a positioning slit partially
crossing therethrough;

the trim board has a positioning rib projecting downward from a back surface thereof; and

the inner belt molding is attached to the downward flange portion while being positioned in a longitudinal direction by inserting the positioning rib into the positioning slits.